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U.S. Serial No.: 10/505,354

**IN THE CLAIMS:**

Please amend claims 1 to 23 and add new claims 24 to 26 as indicated in the Listing of Claims:

**Listing of Claims**

**WHAT IS CLAIMED IS:**

1           1.   (Currently amended) ~~Valve~~ A valve with two pole  
2 pieces, wherein at least one pole piece is provided with a first  
3 fluid line and a first valve seat, and wherein the first fluid  
4 line is connected by the valve seat with a valve chamber, ~~in~~  
5 ~~which~~ having a valve body ~~can be moved~~ moveable between at least  
6 two switch settings said at least two switch settings disposed  
7 between the first valve seat and at least one other stop surface,  
8 ~~characterized in that at least one wherein the improvement~~  
9 comprises a spacer element (15) ~~is present in the area of the~~  
10 disposed between a valve chamber (24) ~~; which determines the~~  
11 ~~distance of the~~ and at least one other stop surface (8) said  
12 spacer element (15) determining the distance between a first  
13 valve seat (7) from the other and said at least one stop surface  
14 (8).



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1        2.    (Currently amended) ~~Valve~~ The valve according to Claim  
2 1, ~~characterized in that the~~ wherein said first valve seat (7)  
3 and ~~additional~~ said at least one stop surface (8) are molded into  
4 a respective pole piece (3, 4), and the pole pieces (3, 4) are  
5 secured directly to the spacer element (15).

1        3.    (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the~~ claim 1 or 2  
3 wherein said at least one spacer element (15) has a fluid  
4 passage.

1        4.    (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the~~ claim 1  
3 further comprising outer connecting tubes (18, 19, 20) ~~are~~  
4 secured ~~in to~~ to at least one pole piece (3, 4) to carry fluid.

1        5.    (Currently amended) ~~Valve~~ The valve according to ~~one~~



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2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~wherein said spacer element (15) is sleeve-shaped.~~

1 6. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~wherein said spacer element (15) ~~encompasses~~ includes a guide~~  
4 ~~elements~~ (23) for the valve body (9).

1 7. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 6~~  
3 ~~wherein said guide element (23) is ~~designed as~~ includes inner~~  
4 radial ribs on the spacer element (15).

1 8. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~wherein said spacer element (15) is made at least partially of~~  
4 plastic.



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1           9.   (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1 or 2~~  
3 ~~wherein said~~ spacer element (15) ~~is provided with~~ includes a  
4 filter element (16).

1           10. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~further comprising an eccentric hole in a pole piece (4) for a~~  
4 second fluid line (10) ~~is designed as an eccentric hole in a pole~~  
~~piece (4).~~

1           11. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~wherein said~~ pole pieces (3, 4) and ~~said~~ spacer element (15) are  
4 ~~incorporated~~ disposed in a tubular valve housing (2).

1           12. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that at least one claim~~  
3 ~~1 further comprising a~~ permanent magnet (13, 14) ~~is provided.~~



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1        13. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 12~~  
3 wherein permanent magnet (13, 14) is ~~arranged~~ disposed inside the  
4 tubular valve housing (2).

1        14. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 12~~  
3 wherein said permanent magnet (13, 14) is ~~designed as~~ an annular  
4 magnet.

1        15. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 12~~  
3 wherein said permanent magnet (13, 14) is ~~placed~~ disposed on a  
4 projection (11, 12) of a pole piece (3, 4) ~~formed by a cross~~  
5 ~~sectionally tapered segment.~~

1        16. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1 or 2~~  
3 wherein said spacer element (15) ~~is provided with~~ includes a



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4 receptacle for a permanent magnet (13, 14).

1        17. (Currently amended) ~~Valve~~ The valve according to Claim  
2 ~~16, characterized in that the~~ wherein said receptacle ~~encompasses~~  
3 ~~includes elevations, which bring about a positive connection~~  
4 ~~between the spacer element (15) and at least one permanent~~  
5 ~~magnet.~~

1        18. (Currently amended) ~~Valve~~ The valve according to Claim  
2 ~~17, characterized in that the~~ wherein said elevations are  
3 deformable.

1        19. (Currently amended) ~~Valve~~ The valve according to Claim  
2 ~~17 or 18, characterized in that the~~ wherein said elevations are  
3 elastic.

1        20. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the~~ claim 1 or 2



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3 further comprising a tubular valve housing (2) is incorporated  
4 for housing said spacer element (15) disposed in a control coil  
5 (21).

1 21. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~wherein said at least one valve seat (7, 8) is partially~~  
4 ~~spherical and said valve body (9) encompasses is a ball, and the~~  
5 ~~valve seat (7, 8) is at least partially spherical.~~

1 22. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that the claim 1~~  
3 ~~wherein said valve body (9) is a ball.~~

1 23. (Currently amended) ~~Valve~~ The valve according to ~~one~~  
2 ~~of the preceding claims, characterized in that a third claim 1~~  
3 ~~further comprising an additional fluid line (6) and a second~~  
4 ~~valve seat (8) are provided to create a so-called to form a 3/2~~  
5 ~~valve.~~



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~~New Claim 1:~~

1        ~~1.24.~~ (Currently amended) ~~Valve A~~ a valve with two pole  
2 pieces, wherein at least one pole piece ~~is provided with a first~~  
3 ~~fluid line and a first~~ includes a valve seat, and wherein the  
4 fluid line is connected by the valve seat with a valve chamber,  
5 in which a valve body can be moved between at least two switch  
6 settings ~~between the~~ said at least two settings including said  
7 valve seat and at least one other stop surface, ~~characterized in~~  
8 ~~that at least one~~ wherein the improvement comprises a spacer  
9 element (15) ~~is present~~ disposed in the area of the valve chamber  
10 (24), ~~and determines~~ said spacer element (15) defining the  
11 distance ~~of the~~ between a valve seat (7) ~~from the other~~ and a  
12 stop surface (8), ~~and that the pole pieces (3, 4) and the spacer~~  
13 ~~element (15) are incorporated in a tubular valve housing (2).~~

1        25. (New) The valve of claim 24 wherein said spacer  
2 element 15 is disposed intermediate pole pieces (3,4) in a  
3 tubular valve housing (2).



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1        26. (New) An electromagnetic valve article of manufacture  
2 comprising:  
3        (a) a control coil housing having a first end and a second  
4 end;  
5        (b) a first substantially cylindrical pole piece having a  
6 first end and a second end disposed within said control coil  
7 housing said first end extending to about said first end of said  
8 control coil housing;  
9        (c) a second substantially cylindrical pole piece having a  
10 first end and a second end disposed within said control coil  
11 housing said first end extending to about said second end of said  
12 control coil housing;  
13        (d) a first permanent magnet disposed at about the second  
14 end of said first substantially cylindrical pole piece;  
15        (e) a second permanent magnet disposed at about the second  
16 end of said second substantially cylindrical pole piece;  
17        (f) a valve housing disposed intermediate said first  
18 permanent magnet and said second permanent magnet; and  
19        (g) a spacer element disposed between said second end of  
20 said first substantially cylindrical pole piece and said second  
21 end of said first substantially cylindrical pole piece to fix the  
22 size of said valve housing.